10400 Eaton Place Suite 312 FAIRFAX, VA Phone: (703) 385-5200 Fax: (703) 385-5080





	To: 2600 Customer Service Fro					Joe Keating			
	Fax: (703) 872-9313			Date:	August 26, 2002				
	Phone	Phone: (703) 305-3800 Re: Power of Attorney Document			Pages	: 4			
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	•Comr	nents	3:						
Applicati	on Numi	oer					10/078,029		
Filing Date						February 14, 2002			
First Named Inventor						Takashi HASEGAWA			
Title						Nonreciprocal Circuit			
Group Art Unit						2632			
Examiner Name						UNKNOWN			
Attorney Docket Number						36856.841			

From: Joe Keating

Dear Sir,

Please find attached the following documents and enter these documents in the abovereferenced application:

- Revocation of Power of Attorney or Authorization of Agent
- Power of Attorney or Authorization of Agent
- Statement under 37 CFR 3.73(b)

Joseph R. Keating

E.N. 37,368

08/26/2002 708:54 0B/09/2002 11:52

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PAGE 02/04 AGE 18/20 PAGE

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PTO/SB/81(02-01)

10/078.029

February 14, 2002

Takashi HASEGAWA

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Filing Date

Application Number

First Named Inventor

Nonreciprocal Circuit... POWER OF ATTORNEY OR **AUTHORIZATION OF AGENT** 2632 Group Art Unit UNKNOWN Examiner Name 36856.841 **Attorney Docket Number** I hereby appoint: Place Customer Number Bar Code Practitioners at Customer Number Label here OR M Practitioner named below: Registration Number Name 37,368 Joseph R. Keating Christopher A. Bennett 48,710 As my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please change the correspondence address for the above-identified application to: The above-mentioned Customer Number. Place Customer Practitioners at Customer Number [Number Bar Code ÖR Label here Firm or Keating & Bennett, LLP \square Individual Name Address 10400 Eaton Place Address Suite 312 City Fairfax State VA ZIP 22030 Country USA Telephone (703) 385-5200 (703) 385-5080 Fax am the: Applicant/inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is anclosed. (Form PTO/SB/96) SIGNATURE OF Applicant or Assignee of Record Name Mr. Kunisaburo Tomono Signature W. Formore Date Aug. 10, 2002 saigness of record of the entire interest or their representative(s) are required. Submit multiple NOTE: Signatures of all the inventors or a rms if more than one signature is required *Total of forms are submitted

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, OC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patenta, Washington, DC 20231.

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PAGE 03/04 PAGE 19/20

PTO/SB/82(10-00)

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REVOCATION OF POWER OF ATTORNEY OR **AUTHORIZATION OF AGENT**

10/078,029			
February 14, 2002 Tekeshi HASEGAWA 2632			
			UNKNOWN
			36858.841

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:								
A Power of Attorney or Authorization of Agent is submitted herewith.								
OR								
Please change the correspondence address for the above-identified application to:								
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OR								
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Tel phone			Fax					
I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)								
SIGNATURE OF Applicant or Assignee of Record								
Name	Mr. Kunisaburo To	omono		·				
Signature	& Tomo	nw-						
Date Aug. 10, 2002								
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required.								
*Total offorms are submitted								

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STATEME	NT UNDER 37 CFR 3.73(b)						
STATEMENT ONCE TO SERVE							
Applicant/Patent Owner: Takashi HASEGAWA							
Application No./Patent No <u>.: 10/078,029</u> Filed/Issue Date: <u>February 14, 2002</u> Entitled: <u>NONRECIPROCAL CIRCUIT DEVICE AND COMMUNICATION APPARATUS USING</u>							
Entitled: NONRECIPROCAL CIRCUIT DEV	VICE AND COMMUNICATION ATTACATOR COMM						
	n and a section						
Murata Manufacturing Co., Ltd., a Corp (Name of Assignee) (Type of	Assignee, e.g., corporation, partnership, university, government agency, etc.)						
Annual Aluah Wiles							
states that it is:							
1. the assignee of the entire right, title a							
	n assignee of less than the entire right, title and Interest. The extent (by, percentage) of its ownership interest is%						
In the patent application/patent identified above	e by virtue of either:						
A. [x] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel <u>012611</u> , Frame <u>0992</u> , or for which a copy thereof is attached.							
OR							
B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:							
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The undersigned (whose title is supplied below	w) is authorized to act on behalf of the assignee.						
Aug. 10 2002							
Date	Mr. Kunisaburo Tomono Typed or printed name						
	Stonature						
	General Manager of Intellectual Property						
Title							

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